## **INTERNATIONAL SEARCH REPORT**

Intermional Application No PCT/GB 03/02100

			PCT/GB 03/	02100		
A. CLASSII IPC 7	FICATION OF SUBJECT MATTER E21B37/06					
According to	o International Patent Classification (IPC) or to both national classificat	tion and IPC				
B. FIELDS						
IPC 7	ocumentation searched (classification system followed by classification E21B					
	tion searched other than minimum documentation to the extent that su					
Electronic da	ata base consulted during the international search (name of data base	ക ഷവ, wnere practical,	əcarcıı ierms used)			
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the rele		Relevant to claim No.			
Υ	US 6 380 136 B1 (BATES CHRISTOPHE AL) 30 April 2002 (2002-04-30) column 1, line 42 -column 2, line			1,3-9, 20-22,30		
x	column 3, line 1 - line 24 column 10, line 1 - line 49 claims 1,3,4,9-16; examples 1,2			10, 14-16, 23,29,30		
Y	US 5 089 150 A (HEN JOHN) 18 February 1992 (1992-02-18) column 2, line 17 - line 68 column 3, line 11 -column 4, line examples 1,2,5	24;		1,3-9		
	-	-/				
X Furt	ther documents are listed in the continuation of box C.	X Patent family r	members are listed i	in annex.		
'A' docume	ent defining the general state of the art which is not dered to be of panicular relevance	°T° later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
"L" docume which citation other "P" docume	date ent which may throw doubts on priority dalm(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.				
<u> </u>	han the priority date claimed actual completion of the international search		& document member of the same patent family  Date of mailing of the international search report			
	4 August 2003	25/08/2				
Name and	mailing address of the ISA  European Palent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk	Authorized officer				
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Boulon, A				

## **INTERNATIONAL SEARCH REPORT**

Intermonal Application No PCT/GB 03/02100

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
Y	WO 02 40828 A (COCKBAIN JULIAN; AUNE ODDVAR ARNFINN (NO); SELLE OLAV MARTIN (NO);) 23 May 2002 (2002-05-23) page 7, line 25 -page 8, line 16	1,3-9, 20-22,30				
	·					

## INTERNATIONAL SEARCH REPORT

information on patent family members

PCT/GB 03/02100

Patent document cited in search report	Publication date	ļ	Patent family member(s)		Publication date
US 6380136	30-04-2002	AU	722167	B2	27-07-2000
		AU	2970297	Α	05-01-1998
		BR	9709380	Α	02-05-2000
		DE	69714991	D1	02-10-2002
		DE	69714991	T2	24-04-2003
		EΑ	1879	B1	22-10-2001
		EP	0902859	A1	24-03-1999
		ES	2185018	T3	16-04-2003
		WO	9745625	A1	04-12-1997
		GB	2330602	A ,B	28-04-1999
		NO	985557	Α	01-02-1999
		PT	902859	T	31-12-2002
		US 2	002128157	A1	12-09-2002
US 5089150	18-02-1992	NONE			
WO 0240828	A 23-05-2002	AU	1512502	Α	27-05-2002
		WO	0240828	A1	23-05-2002